

Notice of Allowability

Application No.

10/027,944

Examiner

Venkat Perungavoor

Applicant(s)

AULL ET AL.

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/6/2006.
2. ☒ The allowed claim(s) is/are 9-13 and 18-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christopher Harris on 11/21/2006

Claim 18(Currently Amended)

A computer program embodied on a computer readable medium and executable by a computer for updating a token ~~embodied on a computer readable medium and executable by a computer~~, comprising:

accessing a database by user identification and token identification, wherein the database has a plurality of certificates/private keys associated with each token identification;

determining which certificates/private keys of the plurality of certificates/private keys have not been downloaded to the token since the last update;

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encrypting all certificates/private keys of the plurality of certificates/private keys which have been not been downloaded to the token using a public key associated with the token identification in the database to form a download packet;

downloading the download packet to the token;

and activating the certificates/private keys using a private key in the token.

Claim 20 (Currently Amended) The computer program embodied on a computer readable medium and executable by a computer as recited in claim 18, further comprising: accessing the database by token identification to identify certificates/private keys which are expired or no longer valid; and deleting the certificates/private keys identified which are expired or no longer valid from the token.

Claim 21(Currently Amended) The computer program embodied on a computer readable medium and executable by a computer recited in claim 20, wherein the plurality of certificates/private keys are at least one signature certificate/private key, encryption certificate/private key, and role certificate/private key.

Claim 22(Currently Amended) The computer program embodied on a computer readable medium and executable by a computer recited in claim 21, wherein the token is a smart card.

Claim 26 (Currently Amended) The computer program embodied on a computer readable medium and executable by a computer recited in claim 18, wherein the activating occurs in response to receipt of a passphrase.

Claim 27. (Currently Amended) The computer program embodied on a computer readable medium and executable by a computer recited in claim 18, wherein the token identification is assigned by the token manufacturer at the time the token is created and stored in the database when assigned to a user.

Claim 28. (Currently Amended) The computer program embodied on a computer readable medium and executable by a computer recited in claim 18, further comprising: revoking each certificate/private key associated with a selected token identification for a given token.

Allowable Subject Matter

Claims 9-13, 18-28 are allowed.

The following is an examiner's statement of reasons for allowance: The Applicant's invention is directed to method of updating a token using packets containing certificates and private keys that is encrypted and are activated by using an private key. The Applicant arguments regarding the Misra reference(5757920) not having an public key

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encrypting the packet is persuasive. Although Misra discloses the encrypting of portions of an packet see Col 5 Ln 22-26, but is silent with regard to the entire packet.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Venkatanarayanan Perungavoor whose telephone number is 571-272-7213. The examiner can normally be reached on 8-4:30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

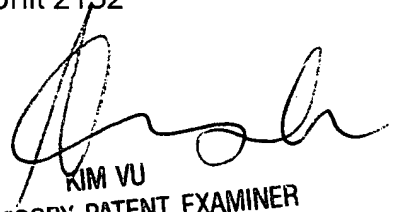
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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11/21/2006

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